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(REV 10-95)

U. S. Department of Commerce Patent and Trademark Office

ATTORNEY'S DOCKET NUMBER
BT/3-22351/A/PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/580448

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO. PCT/EP 2004/013252	INTERNATIONAL FILING DATE November 22, 2004	PRIORITY DATE CLAIMED December 2, 2003
TITLE OF INVENTION MICROORGANISM		
APPLICANT(S) FOR DO/EO/US JONATHAN HUGHES, YVONNE ARMITAGE, JATINDER KULLAR AND STUART GREENHALGH		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau. (**See attached Form PCT/IB/308**)
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A translation of the International Application into English 35.U.S.C. 371(c)(2)).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C.371(c)(3)).
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included.

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. Other items or information: (**See attached Form PCT/ISA/210**)

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/580448		INTERNATIONAL APPLICATION NO. PCT/EP 2004/013252		ATTORNEY'S DOCKET NUMBER BT/3-22351A/PCT																																																																																														
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table> <tr> <td>Basic national fee.....</td> <td>\$300.00</td> <td>\$300.00</td> </tr> <tr> <td>Examination fee.</td> <td>\$200.00</td> <td>\$200.00</td> </tr> <tr> <td colspan="3">Search Fee</td> </tr> <tr> <td><input type="checkbox"/> If Search Fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....</td> <td>\$400.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> If International Search Report was prepared and provided to the Office...</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> All other situations.....</td> <td></td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS=</td> <td>\$900.00</td> <td>\$900.00</td> <td></td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.</p> <table> <thead> <tr> <th>Total Sheets</th> <th>Extra sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th>RATE</th> <th></th> </tr> </thead> <tbody> <tr> <td>- 100 =</td> <td>/50=</td> <td></td> <td>x \$250.00</td> <td>\$</td> </tr> </tbody> </table> <p>Surcharge of \$130.00 for furnishing the oath of declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th></th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>31 - 20 =</td> <td>11</td> <td>X \$50.00</td> <td>\$550.00</td> </tr> <tr> <td>Independent claims</td> <td>7 -3 =</td> <td>4</td> <td>X \$200.00</td> <td>\$800.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$2,250.00</td> </tr> </tbody> </table> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.</p> <table> <tr> <td colspan="3"></td> <td>SUBTOTAL =</td> <td>\$2,250.00</td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td>+</td> <td>\$</td> </tr> <tr> <td colspan="3"></td> <td>TOTAL NATIONAL FEE =</td> <td>\$2,250.00</td> </tr> <tr> <td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td>+</td> <td>\$</td> </tr> <tr> <td colspan="3"></td> <td>TOTAL FEES ENCLOSED =</td> <td>\$</td> </tr> <tr> <td colspan="3"></td> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td colspan="3"></td> <td>Amount to be charged:</td> <td>\$2,250.00</td> </tr> </table> <p>a. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 03-1935 in the amount of \$2,250.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>b. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1935. A duplicate copy of this sheet is enclosed.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>JoAnn Villamizar Patent Department 540 White Plains Road P.O. Box 2005 Tarrytown, NY 10591-9005</p> <p><i>Sheila A. Loggins</i> SIGNATURE Sheila A. Loggins NAME 56,221 REGISTRATION NUMBER</p>						Basic national fee.....	\$300.00	\$300.00	Examination fee.	\$200.00	\$200.00	Search Fee			<input type="checkbox"/> If Search Fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$400.00		<input checked="" type="checkbox"/> If International Search Report was prepared and provided to the Office...			<input type="checkbox"/> All other situations.....			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